CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 1–8

A

Ahearne, J. F., 8:355–84
Alpert, S. B., 1:87–99
Alterman, J., 3:201–24
Anderson, B. N., 3:57–100
Aperjis, D. G., 9:179–98
Auer, P. L., 1:685–713

B

Barnes, R., 8:193–245
Beaujean, J. M., 2:153–70
Beckerman, S., 3:1–28
Berg, C. A., 1:519–34
Berg, D., 1:345–68
Berndt, E. R., 3:225–73
Birk, J. R., 5:61–88
Block, H., 2:455–97
Bodle, W. W., 1:65–85
Bohi, D. R., 7:37–60; 9:105–54
Bolin, B., 2:197–226
Bolton, J. R., 4:353–401
Boshier, J. F., 9:51–79
Boyer, L. L., 7:201–19
Bradley, S., 7:61–85
Brondel, G., 2:343–64
Brooks, H., 4:1–70
Brown, H., 1:1–36; 5:173–240
Brown, K. C., 8:509–30
Brown, N. L., 5:389–413
Brownell, W. A., 9:229–62
Budnitz, R. J., 1:553–80
Bullard, C. W., 6:199–232

C

Carver, J. A., Jr., 1:727–41
Charpentier, J. P., 2:153–70
Chen, R. S., 5:107–40
Cicchetti, C. J., 4:231–58
Colglazier, E. W., Jr., 415–49
Colombo, U., 9:31–49
Comar, C. L., 1:581–600
Constable, R. W., 1:369–89
Corey, G. R., 6:417–43
Costello, D., 5:335–56
Craig, P. P., 1:535–51
Crews, R., 5:141–72
Cuevas, J., 8:95–112
Curtis, H. B., 2:227–38

D

Darmstadter, J., 1:535–51; 3:201–24; 7:261–92
Deese, D. A., 8:415–49
Dickler, R. A., 7:221–59
Doctor, R. D., 7:329–69
Douglas, D. L., 5:61–88
Doub, W. O., 1:715–25
Dunkerley, J., 3:201–24
Dutt, G. S., 8:269–332

E

Eaton, D., 1:183–212
Eckbo, P. L., 4:71–98
Eibenschutz, J., 8:95–112
El Mallakh, R., 2:399–415

F

Fallows, S., 3:275–311
Farhar, B. C., 5:141–72
Fay, J. A., 5:89–105
Feiveson, H. A., 3:357–94
Fesharaki, F., 6:267–308
Fickett, A. P., 1:345–68
Fisher, A. C., 7:1–35
Flaim, S., 6:89–121
Friedman, K. M., 4:123–45

G

Geller, H. S., 8:269–332
Giraud, A. L., 8:165–91
Glassey, C. R., 6:445–82
Godbole, S. P., 9:427–45
Goldemberg, J., 7:139–74
Goldschmidt, V. W., 9:447–72
Golueke, C. G., 1:257–77
Gould, R. R., 9:529–59
Greenberger, M., 4:467–500
Greene, D., 8:193–245
Gregory, D. P., 1:279–310
Grenon, M., 2:67–94
Gururaja, J., 2:365–86
Gyftopoulos, E. P., 7:293–327

H

Häfele, W., 2:1–30
Hall, C. A. S., 3:395–475
Hall, D. O., 4:353–401
Hambraeus, G., 2:417–53
Hamrin, J., 7:329–69
Harris, D. P., 4:403–32
Harte, J., 3:101–46
Hartman, R. S., 4:433–66
Helliwell, J. F., 4:175–229
Hendrie, J. M., 1:663–83
Heron, J. J., 8:137–63
Hertzmark, D., 6:89–121
Hewett, C. E., 6:139–70
Hibbard, W. R., 4:147–74
High, C. J., 6:139–70
Hill, G. R., 1:37–63
Hirst, E., 8:193–245
Hoffman, K. C., 1:423–53
Holder, G. D., 9:427–45
Holdren, J. P., 1:553–80; 5:241–91
Hollander, J. M., 4:1–70
Howarth, R., 3:395–475

J

Jacoby, H. D., 4:259–311
Jassby, A., 3:101–46
Jones, C. O., 4:99–121
Just, J., 4:501–36

K

Kahn, E., 4:313–52
Kalhammer, F. R., 1:311–43
Kalt, J. P., 5:1–32
Kamath, V. A., 9:427–45
Kouts, H., 8:385–413
Kruger, P., 1:159–82
Krupp, H. W., 1:369–89

L

Landsberg, H. H., 6:233–66
Lareau, T. J., 7:261–92
Lave, L. B., 1:601–28; 4:501–36
Lee, B. S., 1:65–85
Lee, H., 6:309–37
Leone, R. A., 7:61–85
Levenson, M., 1:101–30
Linden, H. R., 1:65–85
Lodwick, D. G., 6:357–78
Lönnroth, M., 8:1–25

Lovins, A. B., 3:477–517
Lundberg, R. M., 1:87–99

M

Macriss, R. A., 8:247–67
Manibog, F. R., 9:199–227
Maniscalco, J. A., 5:33–60
Mankin, C. J., 8:27–43
Marcus, W. B., 7:371–415
Marlay, R., 8:193–245
Marsden, S. S., Jr., 8:333–54
Marshall, N., 6:139–70
Martin, C. S., 8:45–94
Matsui, K., 2:387–97
Matsuno, T., 7:87–108
Meyer-Abich, K.-M., 7:221–59
McGauhey, P. H., 1:257–77
McFarland, A. S., 9:501–27
McKie, J. W., 9:321–49
Merriam, M. F., 3:29–56
Michal, C. J., 3:57–100
Mintzer, I., 5:241–91
Moeller, D. W., 6:43–88
Mohnfeld, J. H., 9:155–77
Montgomery, W. D., 7:37–60
Moore, B. III, 3:395–475
Morris, G., 5:241–91
Morrison, D. E., 6:357–78
Morse, F. H., 1:131–58
Morton, H., 2:343–64
Moses, L. E., 6:445–82

N

Nader, L., 3:1–28
Nakicenovic, N., 2:153–70
Ne'eman, Y., 8:113–36
Neff, T. L., 4:259–311
Nehring, R., 7:175–200
Nelkin, D., 3:275–311

O

Obermann, R. M., 4:123–45
Okrent, D., 6:43–88
Oshima, K., 7:87–108

P

Pachauri, R. K., 7:109–38
Pangborn, J. B., 1:279–310
Parmesano, H. S., 8:45–94
Pelley, W. E., 1:369–89
Perry, H., 6:233–66
Pikarsky, M., 6:339–56
Pimentel, D., 2:171–95
Post, R. F., 1:213–55
Praul, C. G., 7:371–415
Prindle, D. F., 9:351–73

R

Ramachandran, A., 2:365–86
Rappaport, P., 5:335–56
Rasmussen, N. C., 6:123–38
Rattien, S., 1:183–212, 535–51
Reinbergs, M., 4:231–58
Richels, R., 4:467–500
Rodríguez, V. O., 8:95–112
Ross, M., 6:379–416
Rowen, H. S., 6:171–98
Rudman, R., 1:629–62

S

Sagan, L. A., 1:581–600
Sander, D. E., 1:391–421
Sassin, W., 2:1–30
Scheinman, L., 2:227–38
Schipper, L., 1:455–517
Schmidt, R. A., 1:37–63
Schneider, H. K., 2:31–65
Schneider, S. H., 5:107–40
Schneider, T. R., 1:311–43
Schul, I., 8:113–36
Shupe, J. W., 5:293–333
Schurr, S. H., 9:409–25
Siddiqi, T. A., 9:81–104
Silverman, L. P., 1:601–28
Simmons, M. K., 1:131–58; 6:1–42
Singer, S. F., 8:451–508
Smil, V., 2:307–42
Smith, K. R., 5:173–240
Smith, K. V., 7:1–35
Socolow, R. H., 2:239–89
Somers, E. V., 1:345–68
Sondreal, E. A., 9:473–99
SOørensen, B., 9:1–29
Spady, E. K., 8:137–63
Spinard, B. I., 3:147–79
Starr, C., 1:629–62
Steinberg, E. B., 2:95–124
Stillesjö, S., 2:417–53
Stillman, R. S., 5:1–32
Strout, A. M., 2:291–305
Suzuki, T., 7:87–108

T

Terhune, E. C., 2:171–95
Thomassen, K. I., 9:281–319

U

Unseld, C. T., 5:141–72

V

Vendryes, G., 9:263–80
Verleger, P. K. Jr., 6:843–528
Vories, R., 5:141–72
Vörösmarty, C. J., 3:395–475
Vyas, K. C., 1:65–85

W

Weingart, J. M., 5:293–333
Weisenmiller, R. B., 7:371–415
Weyant, J. P., 6:171–98
Whipple, C., 1:629–62
Whitford, R. K., 9:375–408
Whiting, M., 3:181–99
Widmer, T. F., 7:293–327
Wildermuth, R., 6:139–70
Williams, R. H., 3:313–56, 8:269–332
Willrich, M., 1:743–72
Wiltsee, G. A., 9:473–99
Wood, D. O., 1:423–53
Woodard, K., 2:307–42
Wyant, F. R., 2:125–51

Y

Yager, J. A., 2:95–124
Yeager, K. E., 5:357–87

Z

Zebroski, E., 1:101–30
Zimmerman, M. B., 9:105–54

CHAPTER TITLES, VOLUMES 1–8

OVERVIEW		
Energy in Our Future	H. Brown	1:1–36
The Global Energy System	W. Häfele, W. Sassin	2:1–30
International Energy Trade: Recent History and Prospects	H. K. Schneider	2:31–65
Global Energy Resources	M. Grenon	2:57–94
United States Energy to 2010 and Beyond: The CONAES Study	H.Brooks, J. M. Hollander	4:1–70
The European Transition From Oil	M. Lönnroth	8:1–25
ENERGY END USE AND CONSERVATION		
Raising the Productivity of Energy Utilization	L. Schipper	1:455–517
Potential for Energy Conservation in Industry	C. A. Berg	1:519–34
Social and Institutional Factors in Energy Conservation	P. P. Craig, J. Darmstadter, S. Rattien	1:535–51
The Coming Age of Conservation	R. H. Socolow	2:239–89
Industry Saves Energy: Progress Report, 1977	M. Whiting	3:181–99
Transportation and Telecommunications: The Energy Implications	K. M. Friedman, R. M. Obermann	4:123–45
Secondary Batteries for Electrical Energy Storage	D. L. Douglas, J. R. Birk	5:61–88
Environmental Aspects of Renewable Energy Sources	J. P. Holdren, G. Morris, I. Mintzer	5:241–91
Energy Conservation in New Buildings: Opportunities, Experience, and Options	C. W. Bullard	6:199–232
The Role of Local Governments in Promoting Energy Efficiency	H. Lee	6:309–37
Energy Implications of Fixed Rail Mall Transit	M. Pikarsky	6:339–56
Energy Consumption by Industry	M. Ross	6:379–416
Federal Energy Policy and Competitive Strategy in the US Automobile Industry	R. A. Leone, S. Bradley	7:61–85
Earth Sheltered Structures	L. L. Boyer	7:201–19
Waste Energy Utilization	E. P. Gyftopoulos, T. F. Widmer	7:293–327
Delivering Energy Services: New Challenges for Utilities and Regulators	C. G. Praul, W. B. Marcus, R. B. Weisenmiller	7:371–415
Recent Changes in U.S. Energy Consumption: What Happened and Why	E. Hirst, R. Marlay, D. Greene, R. Barnes	8:193–245
Efficiency Improvements in Space Heating by Gas and Oil	R. A. Macriss	8:247–67
Future Energy Savings in U.S. Housing	R. H. Williams, G. S. Dutt, H. S. Geller	8:269–332
Improved Cooking Stoves in Developing Countries: Problems and Opportunities	F. R. Manibog	9:199–227
Energy-Efficient Autos: Progress and Prognosis	R. K. Whitford	9:375–408
ENERGY RESOURCES AND TECHNOLOGIES		
Coal: Energy Keystone	R. A. Schmidt, G. R. Hill	1:37–63
Production of High-Btu Gas from Coal	H. R. Linden, W. W. Bodle, B. S. Lee, K. C. Vyas	1:65–85

Clean Liquids and Gaseous Fuels from Coal for Electric Power	S. B. Albert, R. M. Lundberg	1:87–99
The Nuclear Fuel Cycle	E. Zebroski, M. Levenson	1:101–30
Solar Energy	F. H. Morse, M. K. Simmons	1:131–58
Geothermal Energy	P. Kruger	1:159–82
Oil Shale: The Prospects and Problems of an Emerging Energy Industry	S. Rattien, D. Eaton	1:183–212
Nuclear Fusion	R. F. Post	1:213–55
Waste Materials	C. G. Golueke, P. H. McGauhey	1:257–77
Hydrogen Energy	D. P. Gregory, J. B. Pangborn	1:279–310
Energy Storage	F. R. Kalhammer, T. R. Schneider	1:311–43
Advanced Energy Conversion	E. V. Somers, D. Berg, A. P. Fickett	1:345–68
Energy and Food	D. Pimentel, E. C. Terhune	2:171–95
Wind, Waves, and Tides	M. F. Merriam	3:29–56
Passive Solar Design	B. N. Anderson, C. J. Michal	3:57–100
Alternative Breeder Reactor Technologies	B. I. Spinrad	3:147–79
Industrial Cogeneration	R. H. Williams	3:313–56
Proliferation Resistant Nuclear Fuel Cycles	H. A. Feiveson	3:357–94
Soft Energy Techologies	A. B. Lovins	3:477–517
Perspectives on North Sea Oil	P. L. Eckbo	4:71–98
Policies and Constraints for Major Expansion of US Coal Production and Utilization	W. R. Hibbard, Jr.	4:147–74
The Compatibility of Wind and Solar Technology with Conventional Energy Systems	E. Kahn	4:313–52
Photochemical Conversion and Storage of Solar Energy	J. R. Bolton, D. O. Hall	4:353–401
World Uranium Resources	D. P. Harris	4:403–32
Inertial Confinement Fusion	J. A. Maniscalco	5:33–60
The Technological and Economic Development of Photovoltaics	D. Costello, P. Rappaport	5:335–56
Coal Clean-Up Technology	K. E. Yeager	5:357–87
Renewable Energy Resources for Developing Countries	N. L. Brown	5:389–413
Solar Energy Technology—A Five-Year Update	M. K. Simmons	6:1–42
Agricultural Policies and Biomass Fuels	S. Flaim, D. Hertzmark	6:89–121
Wood Energy in the United States	C. E. Hewett, C. J. High, N. Marshall, R. Wildermuth	6:139–70
Factors in the Development of a Major US Synthetic Fuels Industry	H. Perry, H. H. Landsberg	6:233–66
World Oil Availability: The Role of OPEC Policies	F. Fesharaki	6:267–308
Energy Information	L. E. Moses, C. R. Glassey	6:445–82
Prospects for Conventional World Oil Resources	R. Nehring	7:175–200
Unconventional Sources of Natural Gas	C. J. Mankin	8:27–43
Oil Sands: The Canadian Experience	J. J. Heron, E. K. Spady	8:137–63
Methanol as a Viable Energy Source in Today's World	S. S. Marsden, Jr.	8:333–54
Prospects for the U.S. Nuclear Reactor Industry	J. F. Ahearne	8:355–84
The Development of Breeder Reactors in the United States	H. Kouts	8:385–413
Reexamining the Prospects for Solar Industrial Process Heat	K. C. Brown	8:509–30
Energy Storage	B. SØrensen	9:1–29
The French Liquid-Metal Fast Breeder Reactor Program	G. Vendryes	9:263–80
Progress and Directions in Magnetic Fusion Energy	K. I. Thomassen	9:281–319

Shale Oil and the Politics of Ambiguity and Complexity	D. F. Prindle	9:351–73
The Potential of Natural Gas Hydrates as an Energy Resource	G. D. Holder, V. A. Kamath, S. P. Godbole	9:427–45
Heat Pumps: Basics, Types, and Performance Characteristics	V. W. Goldschmidt	9:447–72
Low-Rank Coal: Its Present and Future Role in the United States	E. A. Sondreal, G. A. Wiltsee	9:473–99

RISKS AND IMPACTS OF ENERGY PRODUCTION AND USE

Social and Environmental Costs of Energy Systems	R. J. Budnitz, J. P. Holden	1:553–80
Health Effects of Energy Production and Conversion	C. L. Comar, L. A. Sagan	1:581–600
Economic Costs of Energy-Related Environmental Pollution	L. B. Lave, L. P. Silverman	1:601–28
Philosophical Basis for Risk Analysis	C. Starr, R. Rudman, C. Whipple	1:629–62
Safety of Nuclear Power	J. M. Hendrie	1:663–83
The Impact of Production and Use of Energy on the Global Climate	B. Bolin	2:197–226
Energy Techniques and Natural Environments: The Search for Compatibility	J. Harte, A. Jassby	3:101–46
Environmental Impacts of Industrial Energy Systems in the Coastal Zone	C. A. S. Hall, R. Howarth, B. Moore III, C. J. Vörösmarty	3:395–475
Risks of LNG and LPG	J. A. Fay	5:89–105
Carbon Dioxide Warming and Coastline Flooding: Physical Factors and Climatic Impact	S. H. Schneider, R. S. Chen	5:107–40
Implications for Reactor Safety of the Accident at Three Mile Island, Unit 2	D. Okrent, D. W. Moeller	6:43–88
The Application of Probabilistic Risk Assessment Techniques to Energy Technologies	N. C. Rasmussen	6:123–38
Environmental Standards and National Energy Policies	T. A. Siddiqi	9:81–104
Energy and Acid Rain	R. R. Gould	9:529–59

ENERGY ECONOMICS AND ECONOMETRICS

The Energy Industry and the Capital Market	W. E. Pelley, R. W. Constable, W. Krupp	1:369–89
The Price of Energy	D. E. Sander	1:391–421
Energy System Modeling and Forecasting		
Aggregate Energy, Efficiency, and Productivity Measurement	E. R. Berndt	3:225–73
Electricity and Natural Gas Rate Issues	C. J. Cicchetti, M. Reinbergs	4:231–58
Frontiers in Energy Demand Modeling	R. S. Hartman	4:433–66
Review of Scenarios of Future US Energy Use	J. Just, L. Lave	4:501–36
An Economic Comparison of Nuclear and Coal- and Oil-Fired Electric Generation in the Chicago Area	G. R. Corey	6:417–43
The Role of Petroleum Price and Allocation Regulations in Managing Energy Shortages	P. K. Verleger	6:483–528
Economic Evaluation of Energy's Environmental Costs with Special Reference to Air Pollution	A. C. Fisher, V. K. Smith	7:1–35
Energy and Consumer-Expenditure Patterns: Modeling Approaches and Projections	T. J. Lareau, J. Darmstadter	7:261–92
The Price of World Oil	S. F. Singer	8:451–508
An Update on Econometric Studies of Energy Demand Behavior	D. R. Bohi, M. B. Zimmerman	9:105–54

The Trend of Structural Change in the International Oil Industry in the 1980s	J. H. Mohnfeld	9:155–77
Oil Export Policy and Economic Development in OPEC	D. G. Aperjis	9:179–98
Energy Use, Technological Change, and Productive Efficiency:An Economic-Historical Interpretation	S. H. Schurr	9:409–25
ENERGY POLICY		
Energy Self-Sufficiency	P. L. Auer	1:685–713
Energy Regulation: A Quagmire for Energy Policy	W. O. Doub	1:715–25
Federal Land and Resource Utilization Policy	J. A. Carver, Jr.	1:727–41
Assessing Energy Policy Models: Current State and Future Directions	M. Greenberger, R. Richels	4:467–500
The Role of Governmental Incentives in Energy Production: An Historical Overview	J. P. Kalt, R. S. Stillman	5:1–32
Oil and National Security: An Integrated Program for Surviving an Oil Crisis	H. S. Rowen, J. P. Weyant	6:171–98
The Role of Local Governments in Promoting Energy Efficiency	H. Lee	6:309–37
Federal Energy Policy and Competitive Strategy in the US Automobile Industry	R. A. Leone, S. Bradley	7:61–85
State and Community Commercialization Incentives	R. D. Doctor, J. Hamrin	7:329–69
Delivering Energy Services: New Challenges for Utilities and Regulators	C. G. Praul, W. B. Marcus, R. B. Weisenmiller	7:371–415
The Evolution in U.S. Electric Utility Rate Design	H. S. Parmesano, C. S. Martin	8:45–94
Energy and Security in the 1980s	E. W. Colglazier, Jr., D. A. Deese	8:415–49
Electric Utility Deregulation: Analyzing the Prospects for Competitive Generation	W. A. Brownell	9:229–62
Federal Energy Regulation	J. W. McKie	9:321–49
SOCIOPOLITICAL ASPECTS OF ENERGY		
Energy as it Relates to the Quality and Style of Life	L. Nader, S. Beckerman	3:1–28
The Evolution of the Nuclear Debate: The Role of Public Participation	D. Nelkin, S. Fallows	3:275–312
Soft Energy Technologies	A. B. Lovins	3:477–517
American Politics and the Organization of Energy Decision Making	C. O. Jones	4:99–121
Public Opinion About Energy	B. C. Farhar, C. T. Unseld, R. Vories, R. Crews	5:141–72
The Social Impacts of Soft and Hard Energy Systems: The Lovins' Claims as a Social Science Challenge	D. E. Morrison, D. G. Lodwick	6:357–78
Social Cost of Imported Oil and US Import Policy	D. R. Bohi, W. D. Montgomery	7:37–60/
Energy Lobbies	A. S. McFarland	9:501–27
INTERNATIONAL AND REGIONAL ENERGY TOPICS		
International Energy Issues and Options	M. Willrich	1:743–72
Policy Alternatives of the Major Energy-Importing Nations	E. B. Steinberg, J. A. Yager	2:95–124
The Role of Multinational Oil Companies in World Energy Trade	F. R. Wyant	2:125–51
Global and International Energy Models: A Survey	J. M. Beaujean, J. P. Charpentier, N. Wakicenovik	2:153–70
The International Safeguards Problem	L. Scheinman, H. B. Curtis	2:227–38

Energy and Economic Growth in Central America	A. M. Strout	2:291–305
Perspectives on Energy in the People's Republic of China	V. Smil, K. Woodard	2:307–42
The European Community—An Energy Perspective	G. Brondel, N. Morton	2:343–64
Perspectives on Energy in India	A. Ramachandran, J. Gururaja	2:365–86
Perspectives on Energy in Japan	K. Matsui	2:387–97
The Organization of the Arab Petroleum Exporting Countries: Objectives and Potential	R. El Mallakh	2:399–415
Perspectives on Energy in Sweden	G. Hambraeus, S. Stillesjö	2:417–53
Energy Syndrome, Soviet Version	H. Block	2:455–97
International Variations in Energy Use: Findings from a Comparative Study	J. Darmstadter, J. Dunkerley, J. Alterman	3:201–24
Canadian Energy Policy	J. F. Helliwell	4:175–229
Supply Assurance in the Nuclear Fuel Cycle	T. L. Neff, H. D. Jacoby	4:259–311
Energy for the People of Asia and the Pacific	H. Brown, K. R. Smith	5:173–240
Emerging Energy Technologies in an Island Environment: Hawaii	J. W. Shupe, J. M. Weingart	5:293–333
World Oil Availability: The Role of OPEC Policies	F. Fesharaki	6:267–308
Energy Issues and Policies in Japan	K. Oshima, T. Suzuki, T. Matsuno	7:87–108
Financing the Energy Needs of Developing Countries	R. K. Pachauri	7:109–38
Energy Issues and Policies in Brazil	J. Goldemberg	7:139–74
Energy Issues and Policies in the Federal Republic of Germany	K.-M. Meyer-Abich, R. A. Dickler	7:221–59
Mexico's Energy Future	J. Eibenschutz, V. O. Rodríguez, J. Cuevas	8:95–112
Israel's Dead Sea Project	Y. Ne'eman, I. Schul	8:113–36
Energy in France	A. L. Giraud	8:165–91
Energy Issues and Policies in Italy	U. Colombo	9:31–49
Energy Issues and Policies in New Zealand	J. F. Boshier	